

DURAPRIME

MULTI-SURFACE PRIMER-BONDER WATER BASED – LOW V.O.C 440-XX

DESCRIPTION

TUF-TOP DURAPRIME is a high performance waterbased, low V.O.C bonding primer that provides excellent adhesion to most difficult to coat surfaces. TUF-TOP DURAPRIME can be used interior or exterior and can be topcoated with Latex and Alkyd/Oil topcoats. May be applied over most dulled, sanded coatings, Formica, Plaster, Tile, Glass, Wood, Masonry, Metals, PVC and most Plastics. Always apply a small test area first, to check for adhesion and topcoat compatibility. Not recommended for use in wet areas, or on Tubs, Sinks, Showers or where moderate water contact occurs. Not for use below grade or in contact with soil, dirt or mulch. Can be used as conditioning primer for TUF-TOP Waterbased concrete floor coatings (Duraplate 289, W/C, etc.)

USES

- INTERIOR OR EXTERIOR
- TILE, GLASS, PVC, FORMICA, PREVIOUS COATINGS, MOST PLASTICS
- NON-FERROUS METALS, WOOD
- A BONDING PRIMER FOR TUF-TOP WATERBASED CONCRETE ENAMEL (DURAPLATE 289, W/C, ETC.) OVER COMPATIBLE, PREVIOUSLY PAINTED SURFACES**
- WALLBOARD PRIMER

** See the top coat label and data sheet for compatible coatings and test procedures.

PREPARATION

Non-Ferrous Metals (Brass, Copper, Aluminum & Galvanized Steel): Clean any corrosion to a clean bare surface. Remove all loose paint, wax, dirt and grease and other contaminates. Remove mildew with a mild Bleach/Water solution. Use 1 cup Bleach per gallon of water. Abrade glossy surfaces for best adhesion. Always apply a small test area first, to check for adhesion and topcoat compatibility. The use of surface conditioning treatments will increase the bond strength of Duraprime to Aluminum and Galvanizing..

Ferrous Metals: Not recommended for direct application to bare ferrous metals. Must be primed with an acrylic anti-corrosive primer for corrosion protection, then TUF-TOP DURAPRIME may be applied.

PVC, Vinyl, Formica, Fiberglass & Most Building Material Plastics: Remove old and loose paint, wax, dirt and grease. Remove mildew with a mild Bleach/Water solution. Use 1 cup Bleach per gallon of water. Abrade all surfaces for best adhesion. Always apply a small test area first, to check for adhesion and topcoat compatibility.

Wood: Remove loose paint, wax, dirt, grease and all contaminates. Remove mildew with a mild Bleach/Water solution. Use 1 cup Bleach per gallon of water. Sand all bare wood to remove mill scale. Sand all glossy, previous coatings for best adhesion.

Will not block tannin or other staining elements.

Tile, Glass, Porcelain, Glazed Masonry: For vertical use only, not for floors. Not recommended for use in wet areas, or on Tubs, Sinks, Showers or where moderate water contact occurs. Remove all contaminates, soap residue and grease by thoroughly scrubbing with TSP or Degreaser, rinse thoroughly. Remove mildew with a mild Bleach/Water solution. Use 1 cup Bleach per gallon of water. Abrade glossy surfaces for best adhesion. For best adhesion over glass, porcelain and glazed tile or masonry, the surface should be etched with a ceramic etching solution. Always apply a small test area first, to check for adhesion and topcoat compatibility.

PREVIOUSLY PAINTED SURFACES: TUF-TOP DURAPRIME will adhere to most clean, dry and abraded coatings. May not adhere to some Urethanes, Epoxies or Silicone modified coatings. Always apply a small test area first, to check for adhesion and topcoat compatibility.

BONDING PRIMER FOR UNDER TUF-TOP WATERBASED ACRYLIC COATINGS: May be used as a bonding primer over previously painted, compatible coatings when top coating with TUF-TOP Waterbased 1 part Acrylic Concrete Coatings (Water Cleanup Enamel, Gripper, Duraplate 289). Follow the topcoat label, data and instruction sheets for preparation instructions and compatible coatings. Apply 1 thin coat at no more than 4 wet mils.

APPLICATION

- Mix thoroughly before and during use.
- Always apply a small test area first, to check for adhesion and topcoat compatibility
- Apply 1 thin, even coat at no more than 4 wet mils.
- Apply using a synthetic fiber brush, 1/4" synthetic, mohair, foam or microfiber roller or HVLP spray.
- Apply between 55 deg.f and 95 deg.f. Allow for extended drying during low temperatures.
- Do not apply when rain, dew or moisture exposure is possible before TUF-TOP DURAPRIME has a chance to fully cure.
- Apply to completely dry surfaces only.

DRYING TIME

- Dry to touch in 30 minutes at 75 Deg F, and 50% relative humidity.
- Can be top coated after 1-2 hours and up to 5 days after application. Scuff sand and re-prime after 5 days to insure best adhesion.

LIMITATIONS

- Do not apply when air and or surface temperatures are below 55°F (13°C) or are expected to fall below 55f before curing.
- Do not apply within 6 degrees of the dewpoint on exterior applications.
- Do not apply to wet surfaces.
- Do not apply when it may rain before TUF-TOP DURAPRIME will have a chance to dry.
- Do not allow paint to freeze. Store above 32°F.
- Topcoat only with Latex or 1 part Alkyd or oil modified urethanes with fl
- Not recommended for use in wet areas, or on Tubs, Sinks, Showers or where moderate water contact occurs.

TECHNICAL DATA

COVERAGE	300-500 sq. ft./gal depending on porosity and texture of substrate
WET MIL THICKNESS	2.5-4 mils.
DRY FILM THICKNESS	.5-.8 mils
DILUENT	Water
CLEAN-UP	Soap and Water
ODOR	Very slight
VOC	Less than 100 gr/liter
VOLUME SOLIDS	21%
WT. SOLIDS	31%
APPEARANCE	White-tintable up to 2 fl/oz/gl with universal colorants
WATER RESISTANCE	Excellent
TENSILE STRENGTH	Excellent
BONDING	Excellent
EPA AIM CATAGORY	Specialty Primer

WARNING! If you scrape, sand or remove old paint you may release lead dust. LEAD IS TOXIC, EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out about how to protect yourself and your Family by contacting the National Lead Information Hotline at 1-800-424-5323 or log onto www.epa.gov/lead

CAUTION: DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE. KEEP OUT OF THE REACH OF CHILDREN.

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